

ABSTRACT OF THE DISCLOSURE

This invention is related to project planning and management systems and in particular to the control and tracking of the execution of the process steps that comprise a project.

In the present invention, a project is divided into tasks for which the time and resources are estimated, the connections among the tasks established, and from these the overall schedule and resources calculated. A workflow route segment is a sequence of process steps to implement a task. A route segment is developed for each task and the route segments are connected based on the task-to-task connections to form a project route. The execution of the project is tracked by relating the completion of a step of the project route to the completion of a portion of the related task. If the project is re-planned and new task-to-task connections are created, a new project route is created by connecting the route segments related to tasks using the new task-to-task connections.

Patent 4,499,660